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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Amendment to the PATRICK T. ANGLIN, ET AL. Patent Application

Serial No. 10/627,534 Examiner: Tien Quang Dinh

Filed: July 25, 2003 Art Unit: 3644

For: PREDICTING, BOUNDING AND MITIGATING EARTH SATELLITE
ATTITUDE DISTURBANCES FOR SATELLITES UTILIZING
INFRARED EARTH SENSORS

Office Action mailed: August 26, 2004

United States Patent and Trademark Office
COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

Responding to the PTO Office Action mailed August 26, 2004, and
pursuant to PTO Office Action mailed October 18, 2004, please amend the
above-identified Application as follows:

In the Claims

Listing of all claims:

1. (CURRENTLY AMENDED) A system for mitigating ERGD events
affecting the pitch and roll attitude of a satellite in an inclined, elliptical earth orbit
which comprises a plurality of infrared earth sensors for determining satellite roll

Patrick T. Anglin, et al.
Appl. No. 10/627,534
November 1, 2004